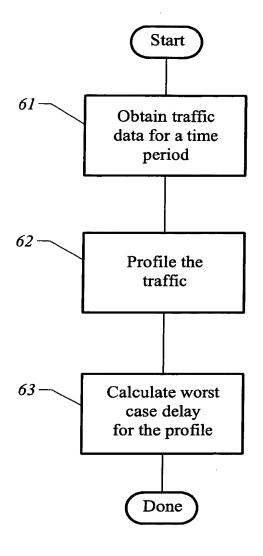


FIG. 1A

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Top level Diagram
of Estimating Periodic
Worst Case Delay
at a Router
For a Traffic
Aggregate that
is Segregated
in a Queue

FIG. 1B

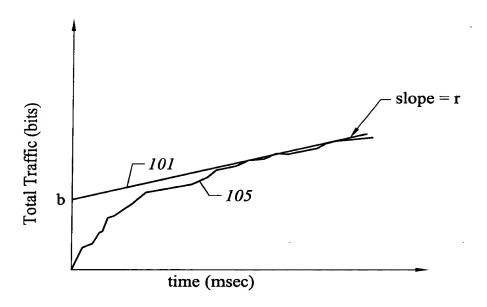


FIG. 2

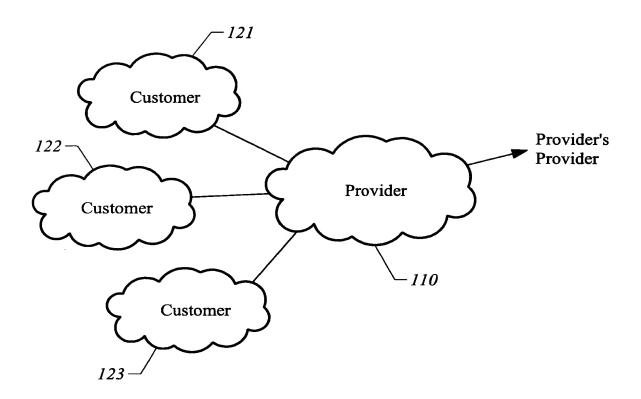
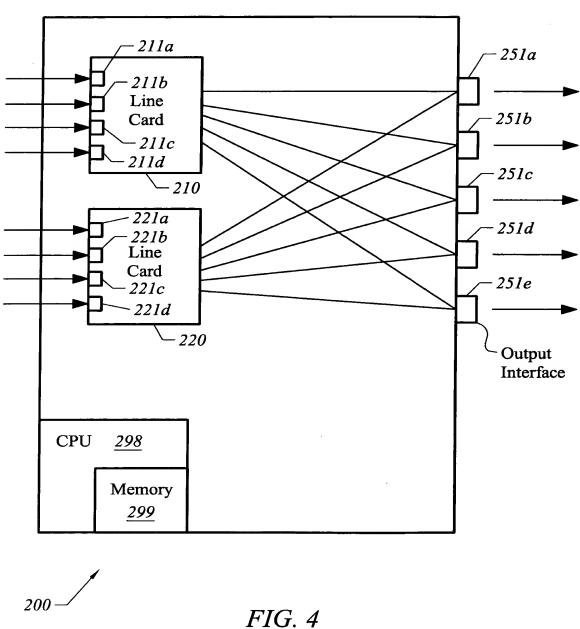


FIG. 3

## Simplified Edge Router



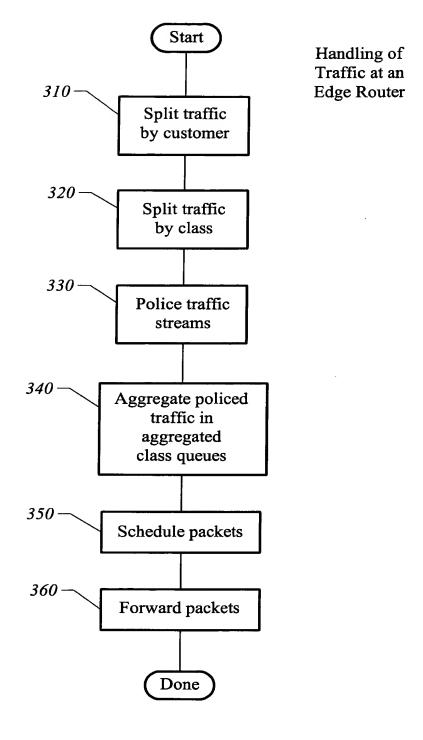


FIG. 5

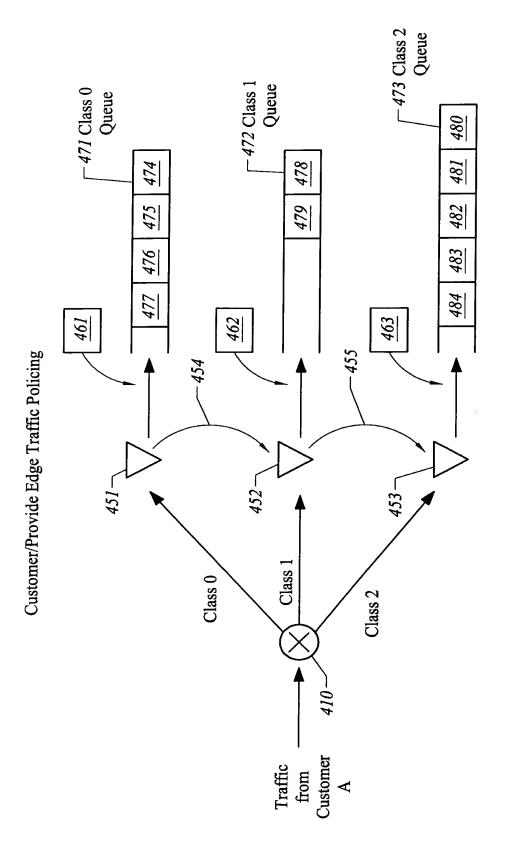


FIG. 6

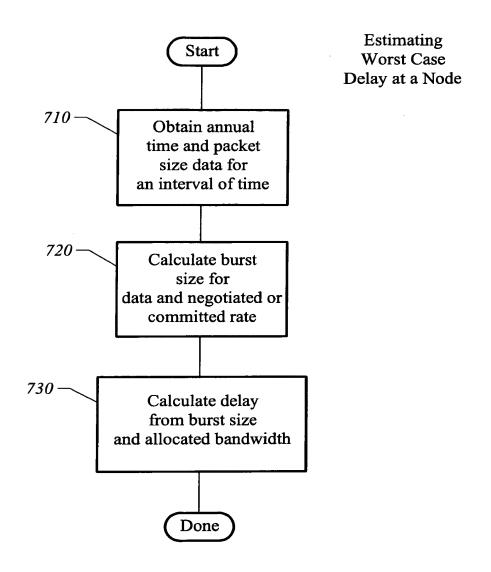
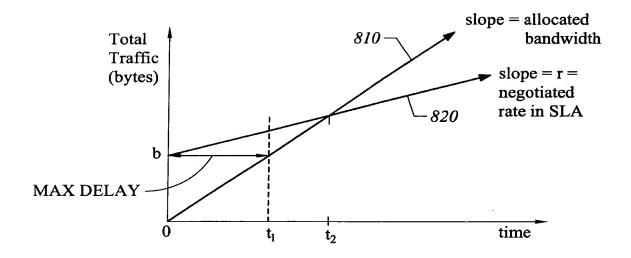


FIG. 7



*FIG.* 8

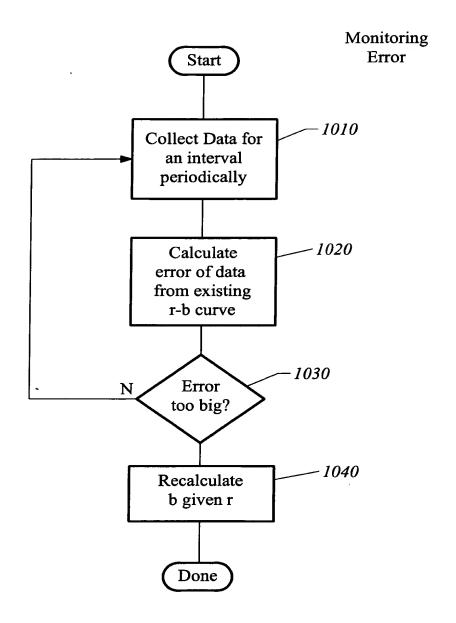


FIG. 9

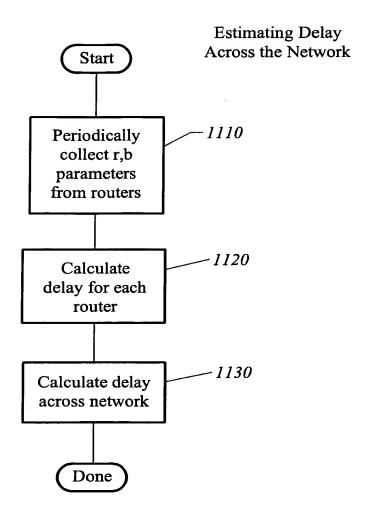


FIG. 10

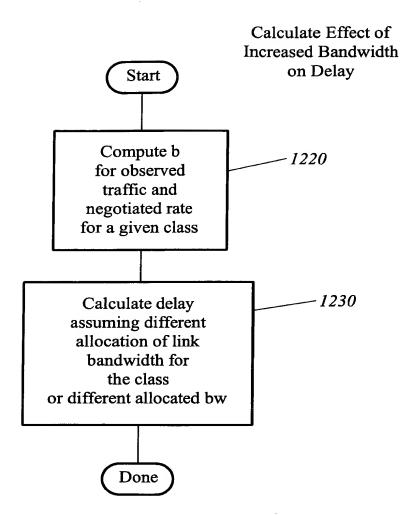


FIG. 11